



IPW

PATENT  
Customer No. 22,852  
Attorney Docket No. 08372.0017

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

In re Application of: )  
)  
Fusayoshi HIROTSU et al. ) Group Art Unit: 2814  
)  
Serial No.: 10/769,819 ) Examiner: Mai, Anh D.  
)  
Filed: February 3, 2004 ) Confirmation No.: 9526  
)  
For: SEMICONDUCTOR DEVICE )  
ALLOWING MODULATION OF A )  
GAIN COEFFICIENT AND A )  
LOGIC CIRCUIT PROVIDED WITH )  
THE SAME )

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Sir:

**RESPONSE TO RESTRICTION REQUIREMENT**

In the Office Action mailed July 19, 2005, the period for response to which extends through August 18, 2005, the Examiner required restriction under 35 U.S.C.

§ 121 between the following groups:

Group I - Claims 1-20, characterized by the Examiner as drawn to a semiconductor device; and

Group II - Claims 21-26, characterized by the Examiner as drawn to a logic circuit.

Applicants provisionally elect to prosecute Group I, including claims 1-20, without traverse.

Please grant any extensions of time required to enter this response and charge any additional required fees to our deposit account 06-0916.

Respectfully submitted,

FINNEGAN, HENDERSON, FARABOW,  
GARRETT & DUNNER, L.L.P.

Dated: August 9, 2005

By: 

Qingyu Yin  
Ltd. Rec. No.: L0222